



Electronic Filing System (EFS) Data
Electronic Patent Application Submission
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EFS ID: 49721
Application ID: 10618192
Title of Invention: POWER SEMICONDUCTOR
PACKAGE WITH STRAP
First Named Inventor: Sean Crowley
Domestic/Foreign Application: Domestic Application
Filing Date: 2003-07-11
Effective Receipt Date: 2003-10-24
Submission Type: Information Disclosure
Statement
Filing Type:
Confirmation number: 4283
Attorney Docket Number: AMKOR028C



Total Fees Authorized:


Digital Certificate Holder: cn=Mark B. Garred,ou=Registered Attorneys,ou=Patent and Trademark
Office,ou=Department of Commerce,o=U.S. Government,c=US
Certificate Message Digest: 8d9048d7819e33af0a8e4386bee32513e49e620c



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Title of Invention	POWER SEMICONDUCTOR PACKAGE WITH STRAP									
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Electronic Version v18

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POWER SEMICONDUCTOR PACKAGE WITH STRAP

Application Number: 10/618192



Confirmation Number: 4283

First Named Applicant: Sean Crowley

Attorney Docket Number: AMKOR028C

Art Unit: 2811

Search string: (6208020 or 6208021 or 6211462 or 6218731
or 6222258 or 6225146 or 6229200 or 6229205
or 6239384 or 6242281 or 6256200 or 6258629
or 6281566 or 6281568 or 6282095 or 6285075
or 6291271 or 6291273 or 6294100 or 6294830
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or 6307272 or 6309909 or 6316838 or 6323550
or 6326243 or 6326244 or 6326678 or 6335564
or 6339255 or 6348726 or 6355502 or 6369454
or 6373127 or 6380048 or 6384472 or 6388336
or 6395578 or 6400004 or 6414385 or 6420779
or 6429508 or 6437429 or 6444499 or 6448633
or 6452279 or 6464121).pn.

US Patent Documents

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	1	6208020	2001-03-27	MINAMIO			
	2	6208021	2001-03-27	OHUCHI ET AL			
	3	6211462	2001-04-03	CARTER, JR. ET AL			
	4	6218731	2001-04-17	HUANG ET AL.			
	5	6222258	2001-04-24	ASANO ET AL			
	6	6225146	2001-05-01	YAMAGUCHI ET AL			
	7	6229200	2001-05-08	MCLELLAN ET AL			
	8	6229205	2001-05-08	JEONG ET AL			
	9	6239384	2001-05-29	SMITH ET AL			
	10	6242281	2001-06-05	MCLELLAN ET AL			

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	12	6258629	2001-07-10	NIONES ET AL
	13	6281566	2001-08-28	MAGNI
	14	6281568	2001-08-28	GLENN ET AL.
	15	6282095	2001-08-28	HOUGHTON ET AL.
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	19	6294100	2001-09-25	FAN ET AL.
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	25	6307272	2001-10-23	TAKAHASHI ET AL.
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	32	6335564	2002-01-01	POUR
	33	6339255	2002-01-15	SHIN
	34	6348726	2002-02-19	BAYAN ET AL.
	35	6355502	2002-03-12	KANG ET AL.
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	37	6373127	2002-04-16	BAUDOUIN ET AL.
	38	6380048	2002-04-30	BOON ET AL.
	39	6384472	2002-05-07	HUANG
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	44	6420779	2002-07-16	SHARMA ET AL.
	45	6429508	2002-08-06	GANG
	46	6437429	2002-08-20	SU ET AL.

	47	6444499	2002-09-03	SWISS ET AL.
	48	6448633	2002-09-10	YEE ET AL.
	49	6452279	2002-09-17	SHIMODA
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Signature

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or 6197615 or 6198171 or 6201186 or 6201292
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US Patent Documents

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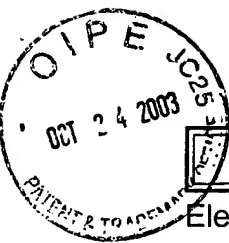
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<p>Application Number: 10/618192 </p> <p>Confirmation Number: 4283</p> <p>First Named Applicant: Sean Crowley</p> <p>Attorney Docket Number: AMKOR028C</p> <p>Art Unit: 2811</p> <p>Search string: (5252853 or 5258094 or 5266834 or 5273938 or 5277972 or 5278446 or 5279029 or 5294897 or 5327008 or 5332864 or 5335771 or 5336931 or 5343076 or 5358905 or 5365106 or 5381042 or 5391439 or 5406124 or 5410180 or 5414299 or 5424576 or 5428248 or 5435057 or 5444301 or 5452511 or 5454905 or 5474958 or 5484274 or 5493151 or 5508556 or 5517056 or 5521429 or 5528076 or 5534467 or 5539251 or 5543657 or 5544412 or 5545923 or 5581122 or 5592019 or 5592025 or 5594274 or 5604376 or 5608267 or 5625222 or 5633528 or 5639990 or 5640047 or 5641997 or 5643433).pn.</p> <p>US Patent Documents</p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>5252853</td><td>1993-10-12</td><td>MICHII</td><td></td><td></td><td></td></tr><tr><td></td><td>2</td><td>5258094</td><td>1993-11-02</td><td>FURUI ET AL.</td><td></td><td></td><td></td></tr><tr><td></td><td>3</td><td>5266834</td><td>1993-11-30</td><td>NISHI ET AL.</td><td></td><td></td><td></td></tr><tr><td></td><td>4</td><td>5273938</td><td>1993-12-28</td><td>LIN ET AL.</td><td></td><td></td><td></td></tr><tr><td></td><td>5</td><td>5277972</td><td>1994-01-11</td><td>SAKUMOTO ET AL.</td><td></td><td></td><td></td></tr><tr><td></td><td>6</td><td>5278446</td><td>1994-01-11</td><td>NAGARAJ ET AL.</td><td></td><td></td><td></td></tr><tr><td></td><td>7</td><td>5279029</td><td>1994-01-18</td><td>BURNS</td><td></td><td></td><td></td></tr><tr><td></td><td>8</td><td>5294897</td><td>1994-03-15</td><td>NOTANI ET AL.</td><td></td><td></td><td></td></tr><tr><td></td><td>9</td><td>5327008</td><td>1994-06-05</td><td>DJENNAS ET AL.</td><td></td><td></td><td></td></tr><tr><td></td><td>10</td><td>5332864</td><td>1994-07-26</td><td>LIANG ET AL.</td><td></td><td></td><td></td></tr></tbody></table>								init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass		1	5252853	1993-10-12	MICHII					2	5258094	1993-11-02	FURUI ET AL.					3	5266834	1993-11-30	NISHI ET AL.					4	5273938	1993-12-28	LIN ET AL.					5	5277972	1994-01-11	SAKUMOTO ET AL.					6	5278446	1994-01-11	NAGARAJ ET AL.					7	5279029	1994-01-18	BURNS					8	5294897	1994-03-15	NOTANI ET AL.					9	5327008	1994-06-05	DJENNAS ET AL.					10	5332864	1994-07-26	LIANG ET AL.			
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Signature

Examiner Name	Date



Electronic Filing System (EFS) Data
Electronic Patent Application Submission
USPTO Use Only

EFS ID: 49718
Application ID: 10618192
Title of Invention: POWER SEMICONDUCTOR
PACKAGE WITH STRAP
First Named Inventor: Sean Crowley
Domestic/Foreign Application: Domestic Application
Filing Date: 2003-07-11
Effective Receipt Date: 2003-10-24
Submission Type: Information Disclosure
Statement
Filing Type:
Confirmation number: 4283
Attorney Docket Number: AMKOR028C




Total Fees Authorized:

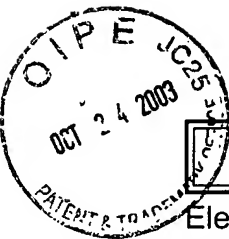
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Title of Invention	POWER SEMICONDUCTOR PACKAGE WITH STRAP									
Application Number: 10/618192 										
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Attorney Docket Number: AMKOR028C										
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<table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Mark B. Garred Registered Number: 34,823</td><td>/mbg/</td><td>Attorney</td></tr></tbody></table>			Submitted by:	Elec. Sign.	Sign. Capacity	Mark B. Garred Registered Number: 34,823	/mbg/	Attorney		
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Signature

Examiner Name	Date



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EFS ID: 49716
Application ID: 10618192
Title of Invention: POWER SEMICONDUCTOR
PACKAGE WITH STRAP
First Named Inventor: Sean Crowley
Domestic/Foreign Application: Domestic Application
Filing Date: 2003-07-11
Effective Receipt Date: 2003-10-24
Submission Type: Information Disclosure
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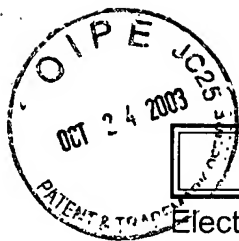
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Title of
Invention

POWER SEMICONDUCTOR PACKAGE WITH STRAP

Application Number: 10/618192



Confirmation Number: 4283

First Named Applicant: Sean Crowley

Attorney Docket Number: AMKOR028C

Art Unit: 2811

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US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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	5	4054238	1977-10-18	LLOYD ET AL.			
	6	4189342	1980-02-19	KOCK			
	7	4258381	1981-03-24	INABA			

	8	4289922	1981-09-15	DEVLIN
	9	4301464	1981-11-17	OTSUKI ET AL.
	10	4332537	1982-06-01	SLEPCEVIC
	11	4417266	1983-11-22	GRABBE
	12	4451224	1984-05-29	HARDING
	13	4530152	1985-07-23	ROCHE ET AL.
	14	4646710	1987-04-03	SCHMID ET AL.
	15	4707724	1987-11-17	SUZUKI ET AL.
	16	4727633	1988-03-01	HERRICK
	17	4737839	1988-04-12	BURT
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	50	5250841	1993-10-05	SLOAN ET AL.

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	5	20020140061	2002-10-03	LEE			
	6	20020027297	2002-03-07	IKENAGA ET AL.			
	7	20020024122	2002-02-28	JUNG ET AL.			
	8	20010011654	2002-01-31	KIMURA			
	9	20010014538	2001-08-16	KWAN ET AL.			
	10	20010008305	2001-07-19	MCLELLAN ET AL.			

Signature

Examiner Name	Date